

B. Amendments To The Claims

Please amend the claims as follows:

Claims 1 to 67 (Canceled)

Claims 68 to 85 (Withdrawn)

86. (Renumbered and Amended) An intracorneal insert for introduction into the cornea of a human eye, said insert comprising a physiologically compatible polymer comprised of at least one synthetic polymer and further comprising at least one elongated portion having a component with a radius of curvature, measured along the centroidal axis of the insert, greater than 5.0 mm, wherein the insert is adapted for implantation within a human cornea with said component extending in a meridional direction thereby to effect refractive correction.

87. (Renumbered and Amended) The insert of claim 68 86, wherein said radius of curvature is at least 5.5 mm.

88. (Renumbered and Amended) The insert of claim 68 86, wherein said radius of curvature is between 6.0 and 9.0 mm.

89. (Renumbered and Amended) The insert of claim 68 86, wherein said radius of curvature is between 7.0 and 8.0 mm.

90. (Renumbered and Amended) The insert of claim 68 86, wherein said meridional component has a radius of curvature approximating a human corneal curvature when placed in the eye.

91. (Renumbered and Amended) The insert of claim 68 86, having a centroidal length of less than 3.0 mm.

92. (Renumbered and Amended) The insert of claim 73 91, wherein said centroidal length is less than or equal to 2.5 mm.

93. (Renumbered and Amended) The insert of claim 73 91, wherein said centroidal length is less than or equal 2.0 mm.

Claims 94 to 103 (Withdrawn)